

MASSACHUSETTS AVENUE BETTER BIKE PROJECT

June 17, 2020

WORK IN PROGRESS

CONCEPT DESIGN

- ▶ Test design alternatives
- ▶ Feedback from stakeholders, users on direction
- ▶ Accurate traffic model using existing user volumes

25% DESIGN

- ▶ Set the basics of the proposed design, swept-path analysis to confirm
- ▶ **Preliminary traffic signal phasing and timing**
- ▶ First draft of curb ramps



*We're
here*

75% DESIGN

- ▶ **Fully detailed and revised traffic signal phasing and timing**
- ▶ Detailed plans for curb ramps and drainage
- ▶ Adjustments to any lane dimensions, pavement markings, and signs

PIC

- ▶ Official sign-off on all constructed elements from the Public Improvement Commission

100% DESIGN

- ▶ **Continued refinements to traffic signal phasing and timing;** curb ramps; and drainage
- ▶ Last tweaks to all other elements
- ▶ Final draft of temporary traffic management plans

FINAL DESIGN

- ▶ All issues noted in thorough design review have been approved
- ▶ Signed by City Engineer
- ▶ Delivered to contractor to begin work

MEETING OUTCOMES & AGENDA

OUTCOMES

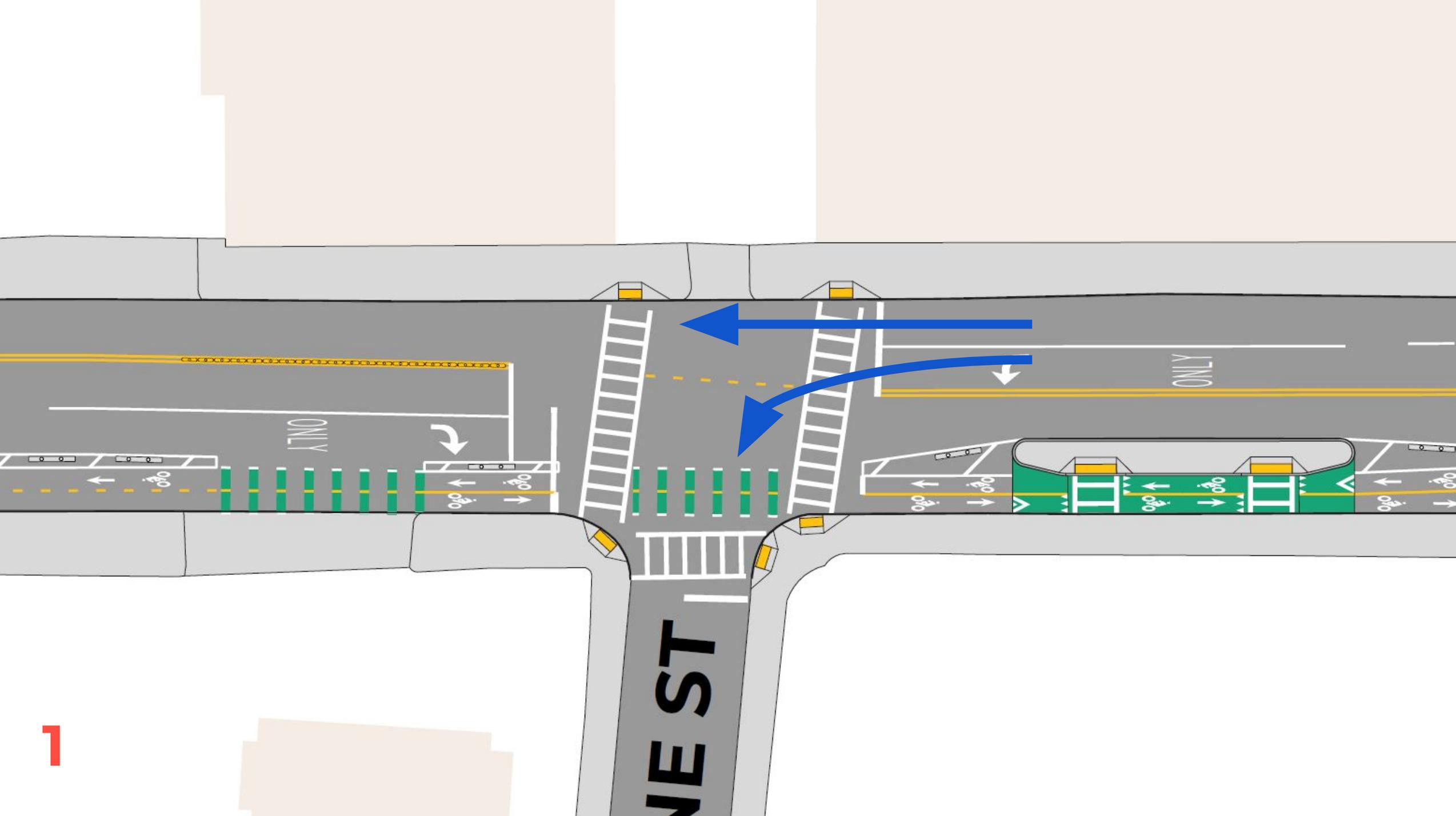
- ▶ Review intersection design and signal phasing at Magazine Street, Newmarket Sq/Shirley St, and Allstate Rd
- ▶ Review SimTraffic simulation along Mass Ave between Magazine St and Allstate Rd
- ▶ Discuss design and and explore questions in Synchro
- ▶ Agree to topics and timing for the next meeting

AGENDA

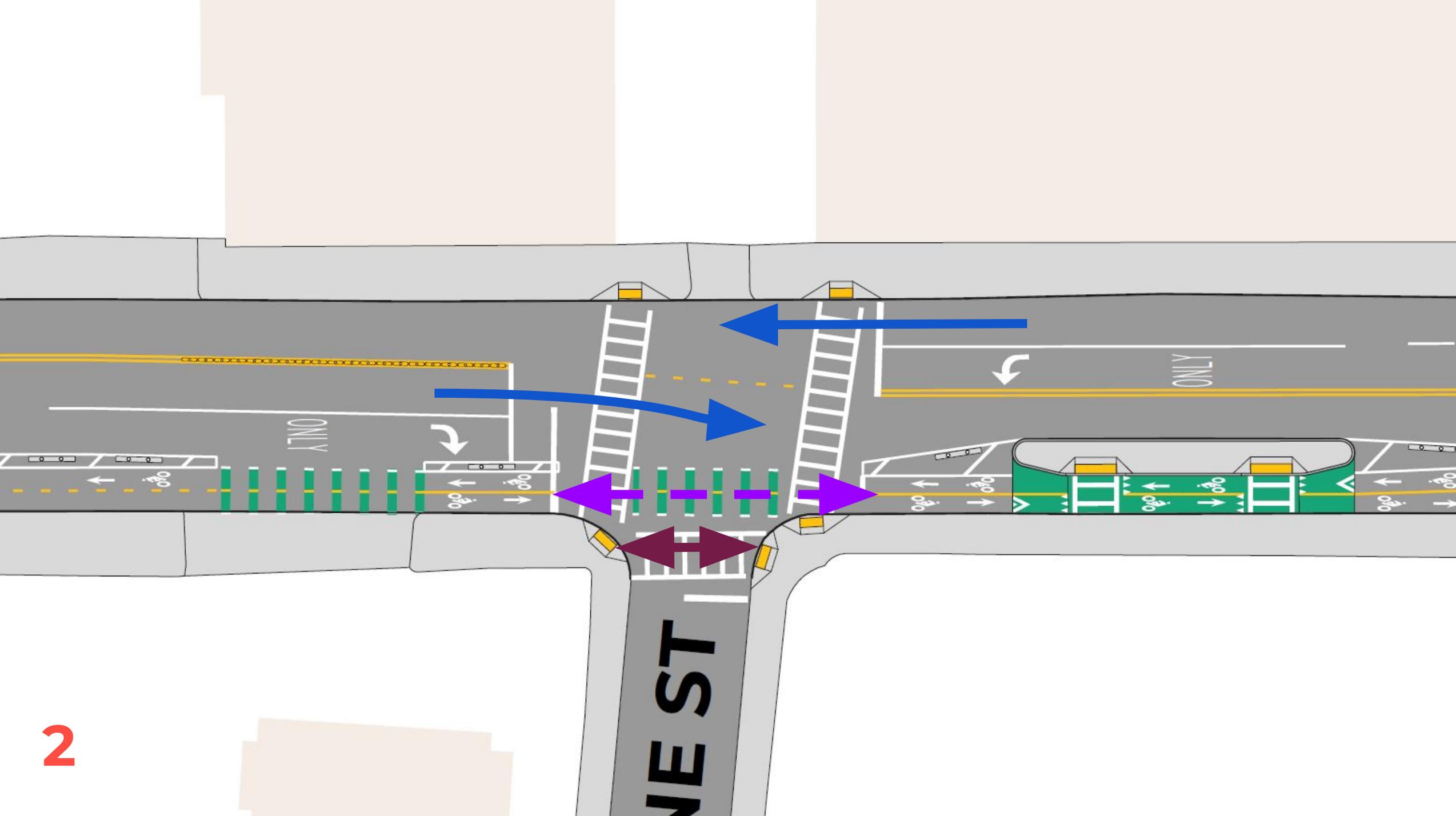
2:00	Kick-off
2:10	Review intersection design and signal phasing and Magazine, Allstate, and Newmarket
2:20	Review SimTraffic simulation of three intersections
2:45	Discuss design and explore questions in Synchro
2:55	Review meeting outcomes, agree to topics and timing of next meeting

MAGAZINE

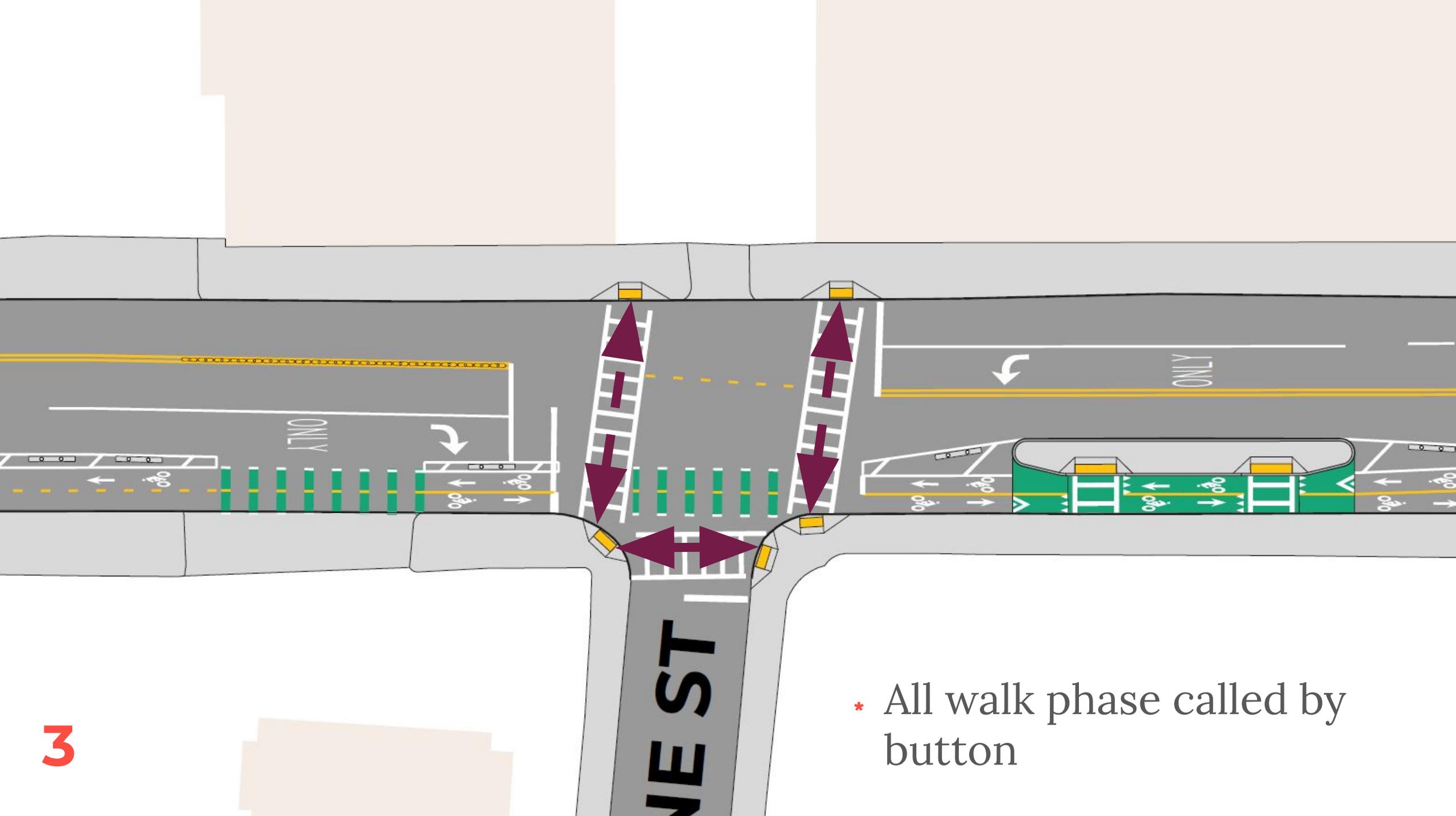
1



2

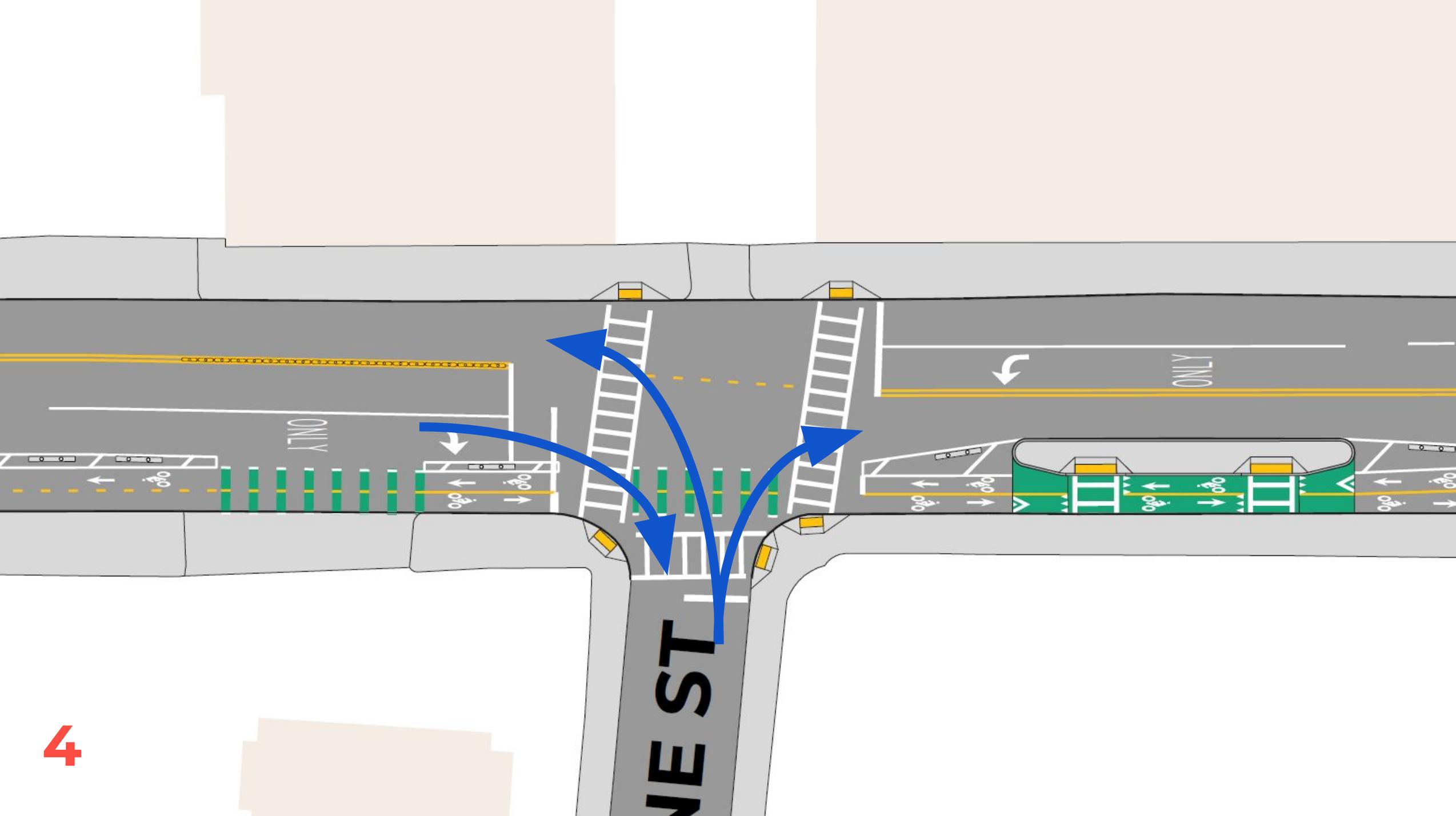


3

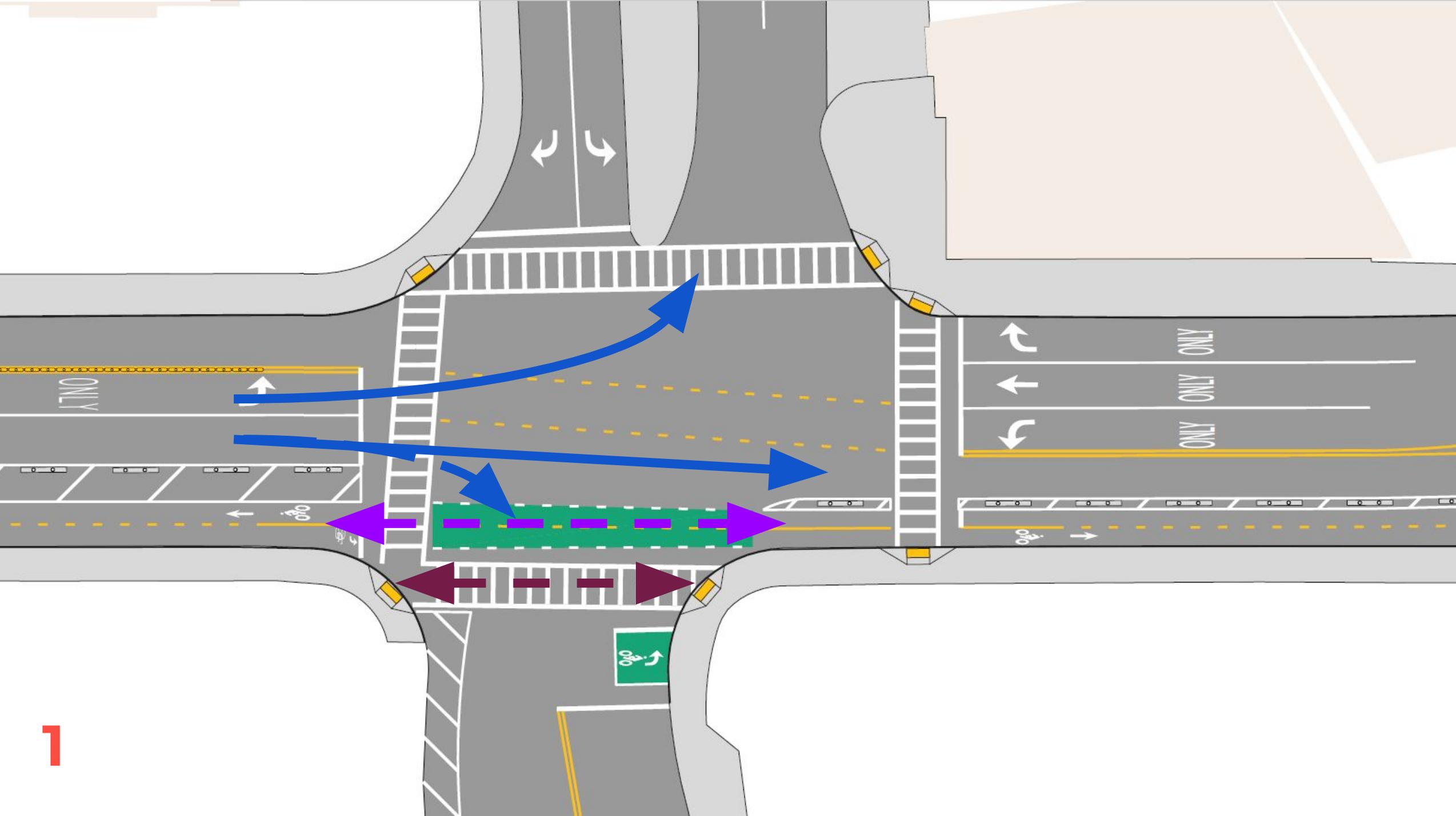


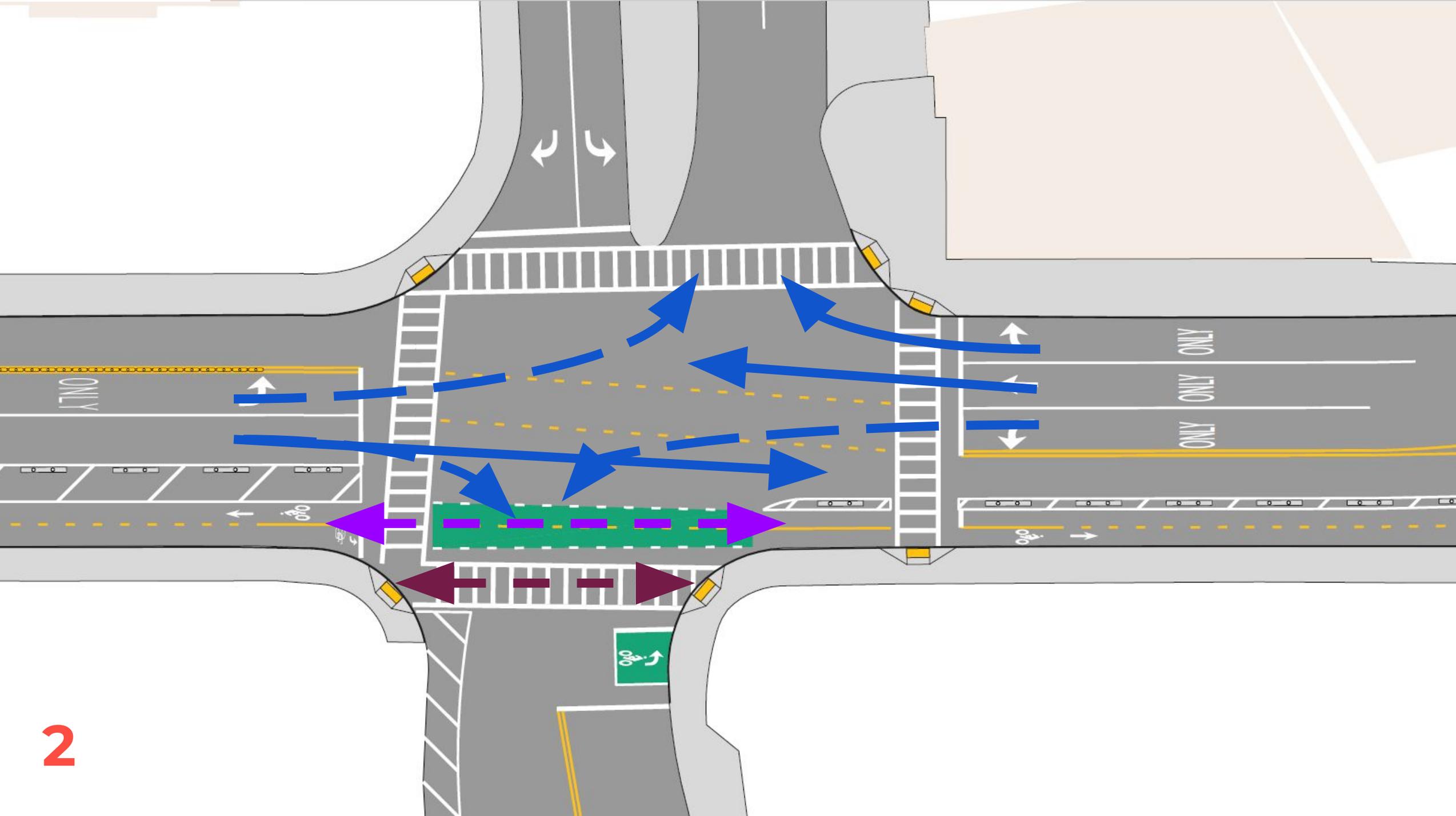
* All walk phase called by button

4



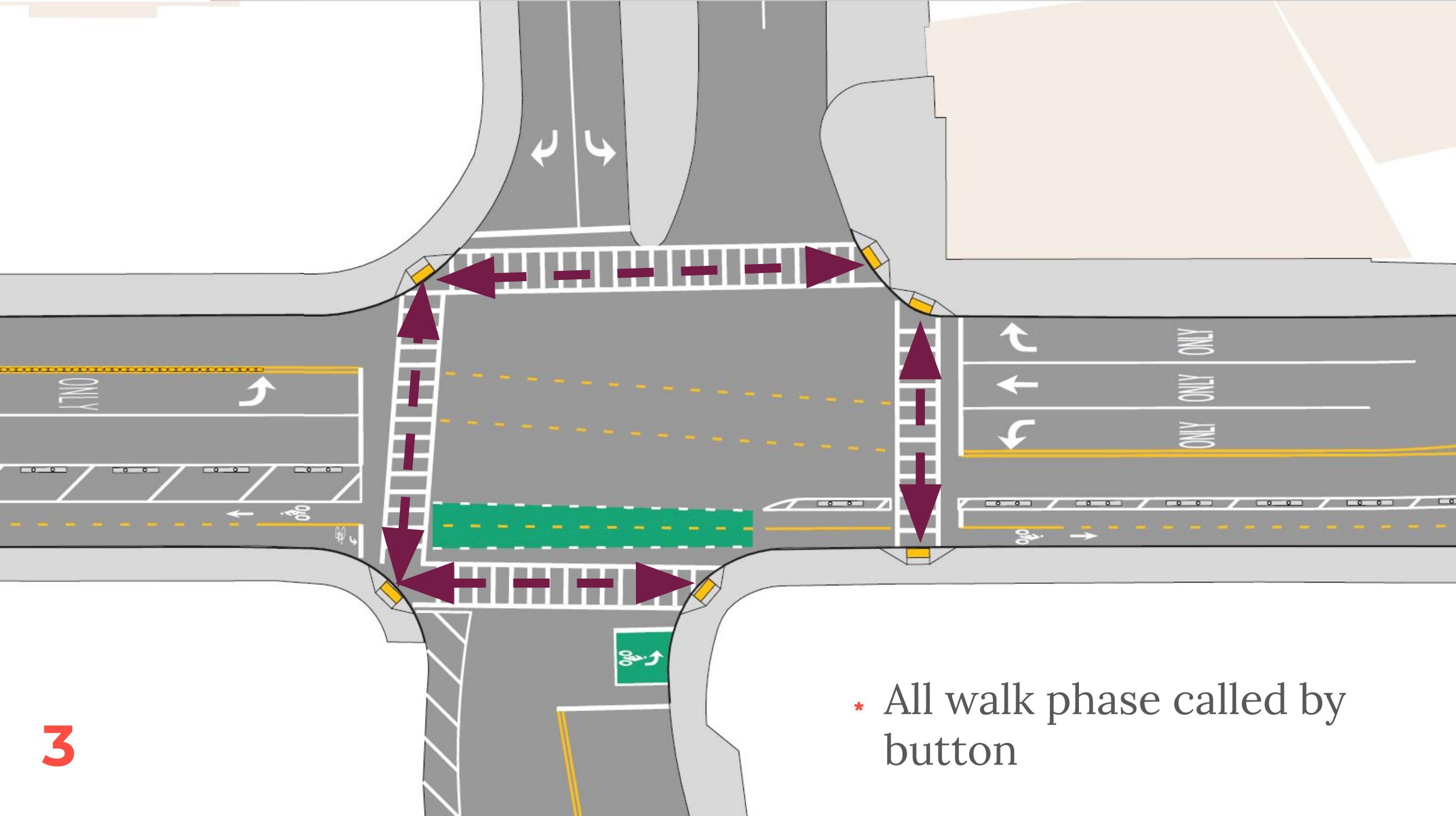
ALLSTATE



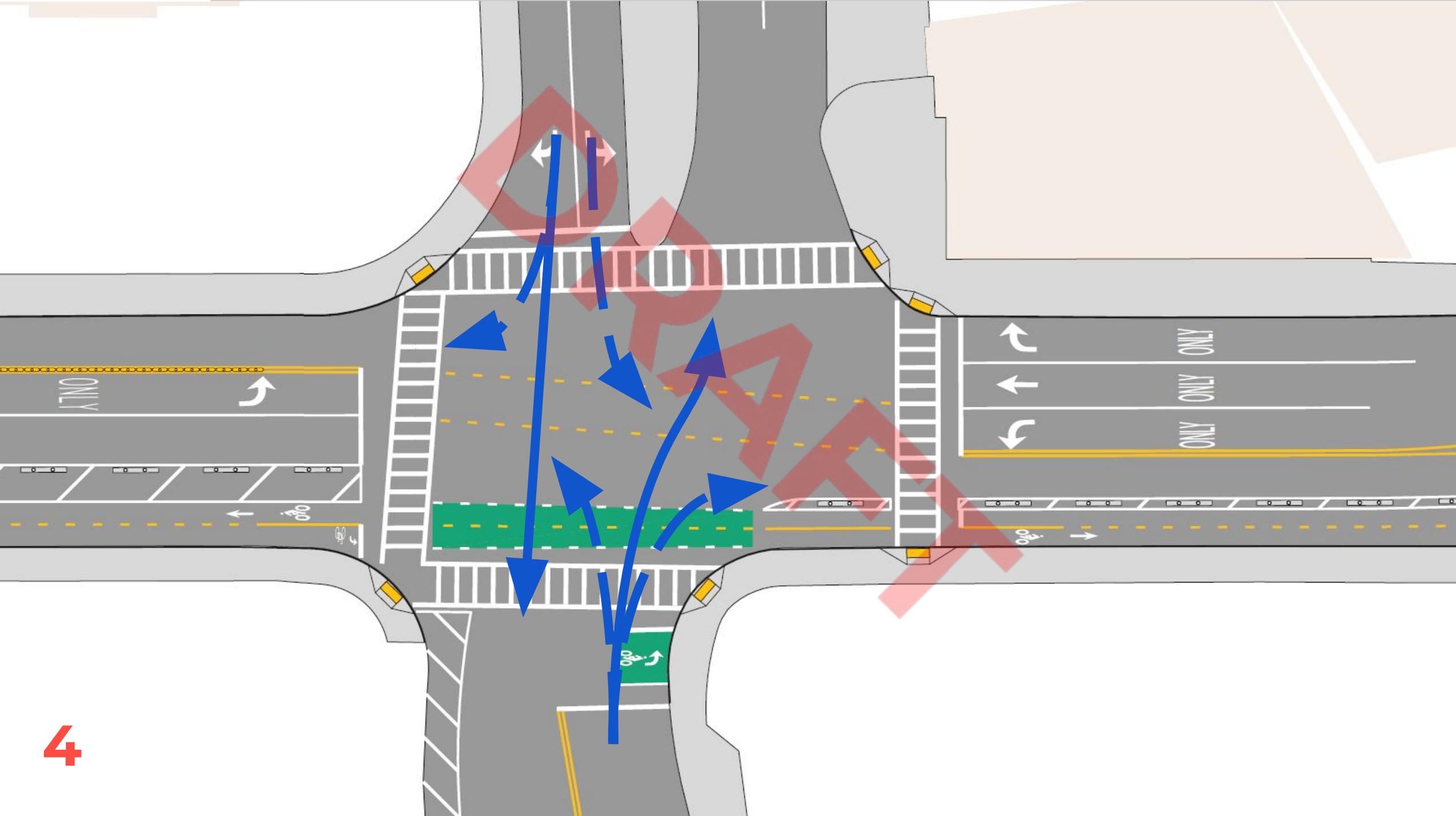


2

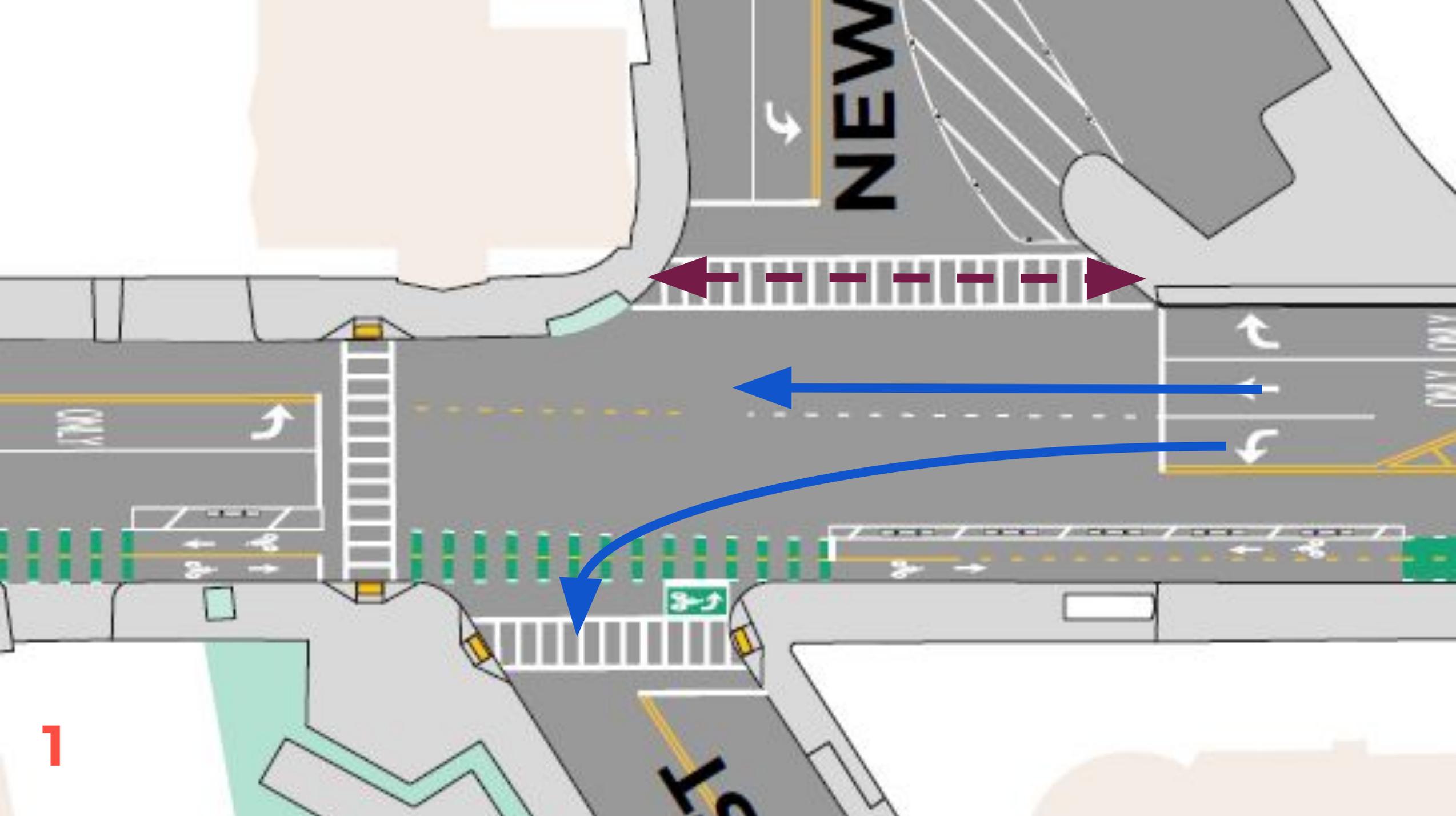
3



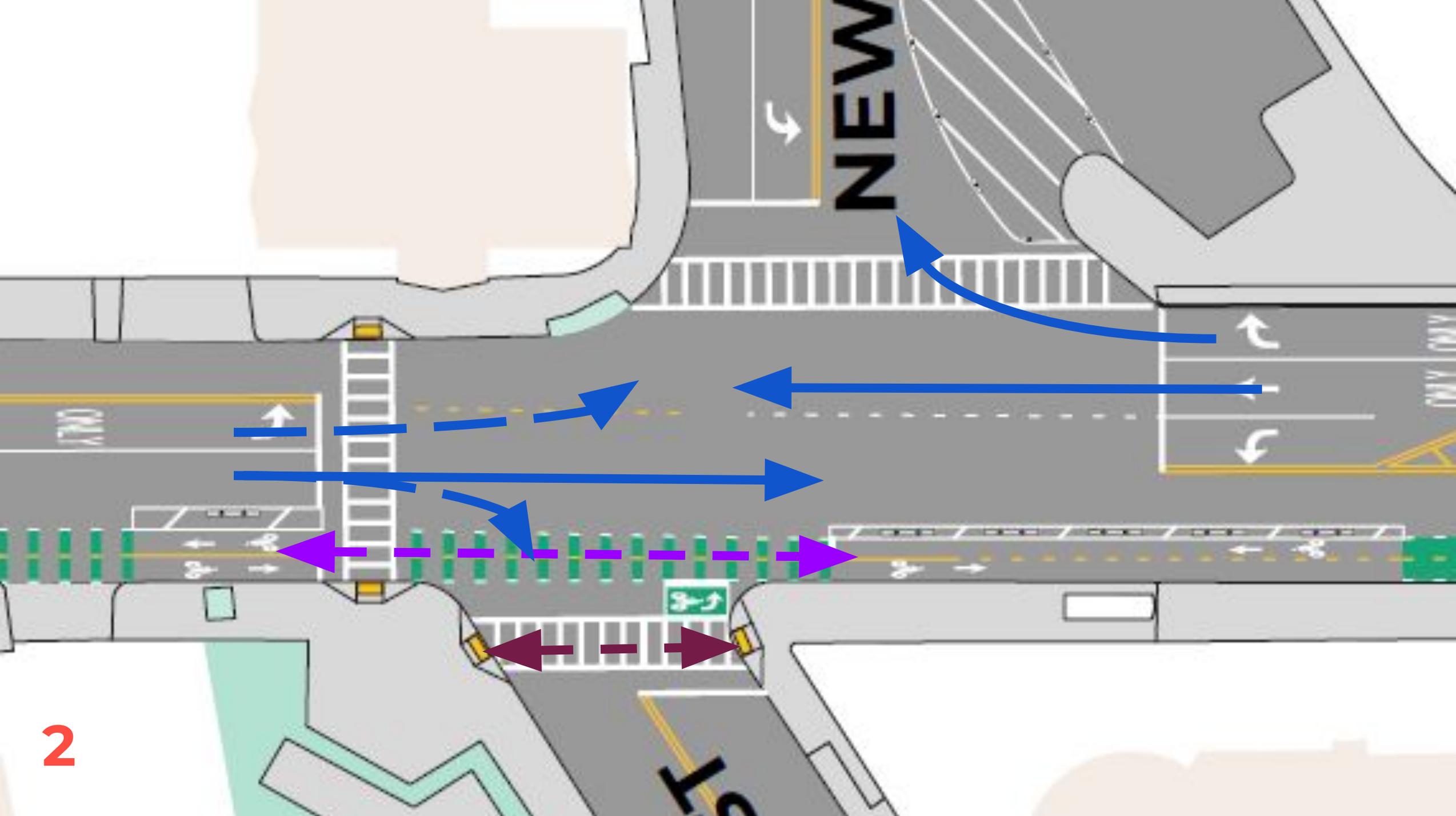
* All walk phase called by button



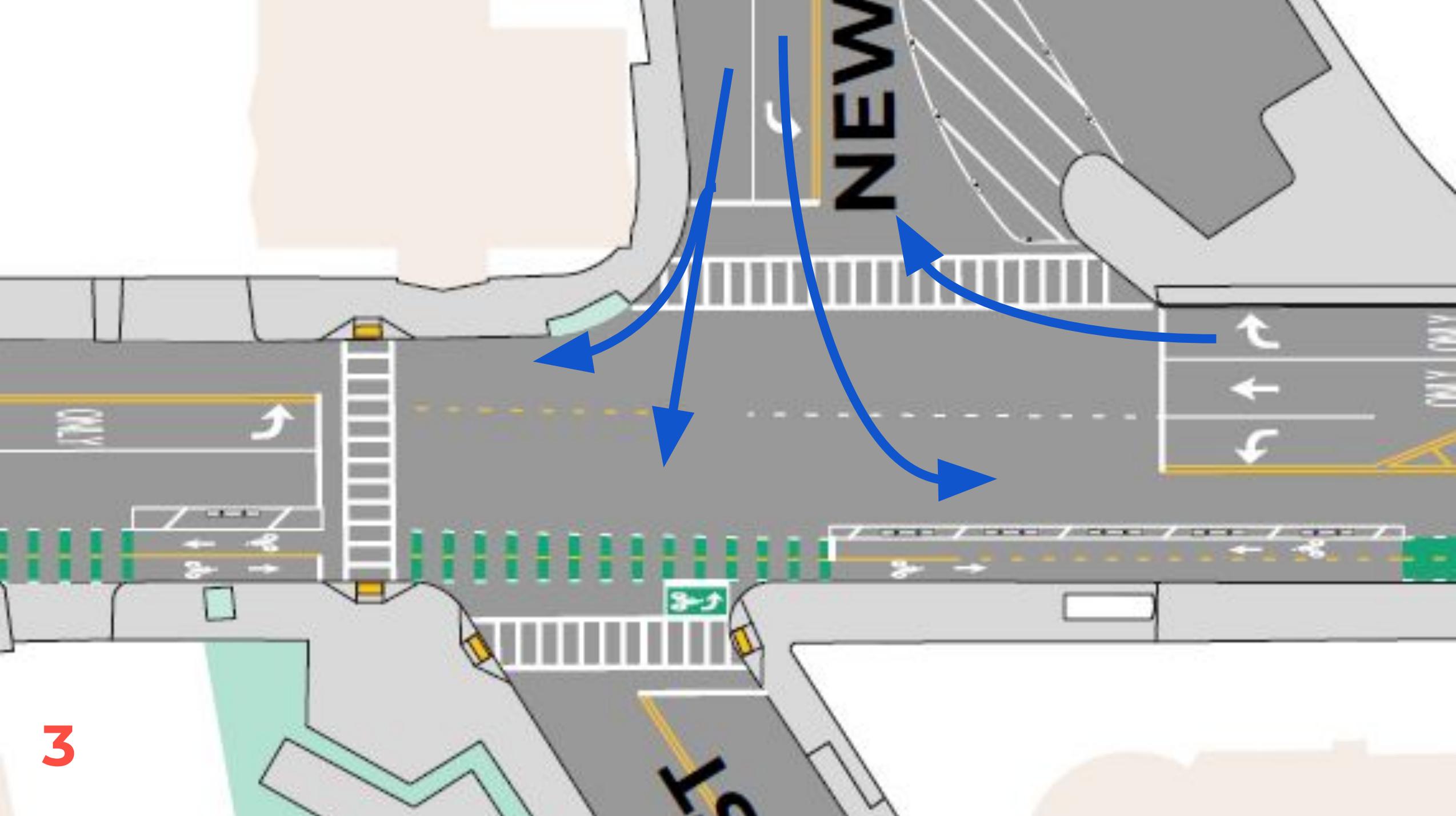
NEWMARKET/ SHIRLEY



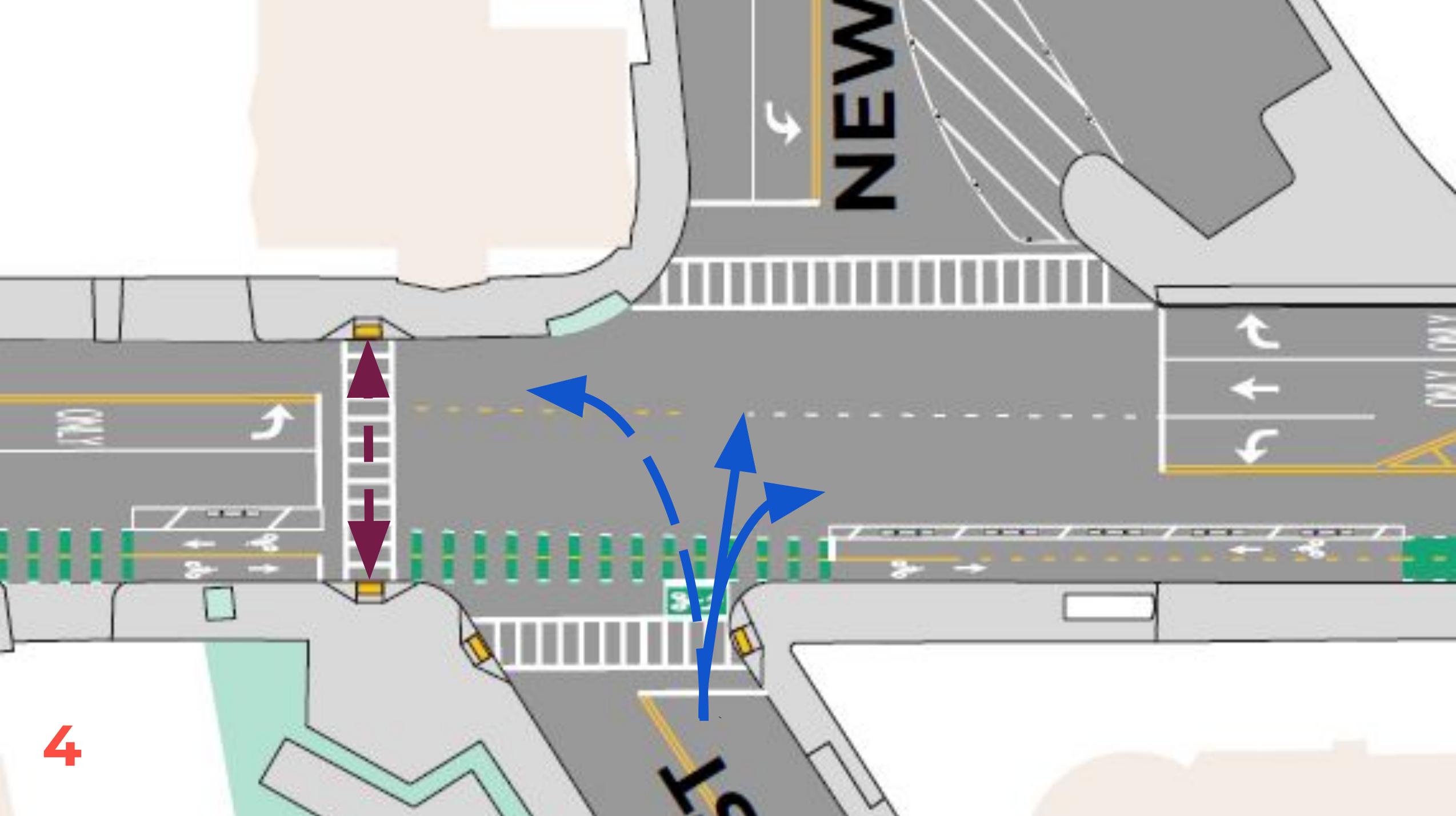
1



2



3



4